



BIPAC 7100SV
VoIP ADSL Modem/Router

Quick Start Guid

NOTE:



For more detailed instructions on configuring and using the VoIP ADSL Modem/Router, please refer to the on-line manual.

Package Contents

- BIPAC 7100SV ADSL Modem/Router
- CD-ROM containing the online manual
- RJ-11 ADSL/telephone Cable
- Ethernet (CAT-5 LAN) Cable
- AC-DC power adapter (12VDC, 1.2A)
- This Quick Start Guide



Warning

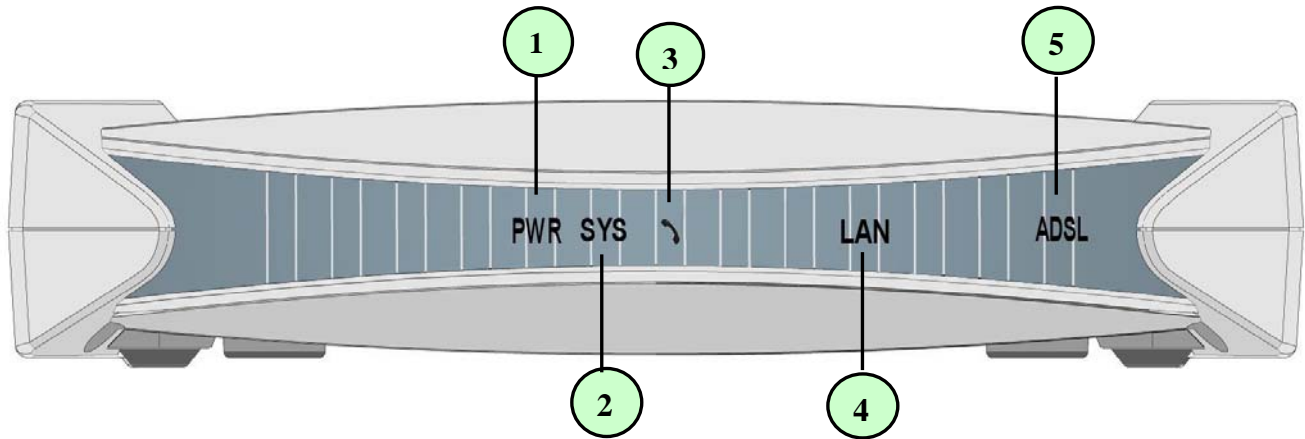
- ✓ Do not use the BIPAC 7100SV in high humidity or high temperatures.
- ✓ Do not use the same power source for the BIPAC 7100SV as other equipment.
- ✓ Do not open or repair the case yourself. If the BIPAC 7100SV is too hot, turn off the power immediately and have it repaired at a qualified service center.
- ✓ Avoid using this product and all accessories outdoors.



Attention

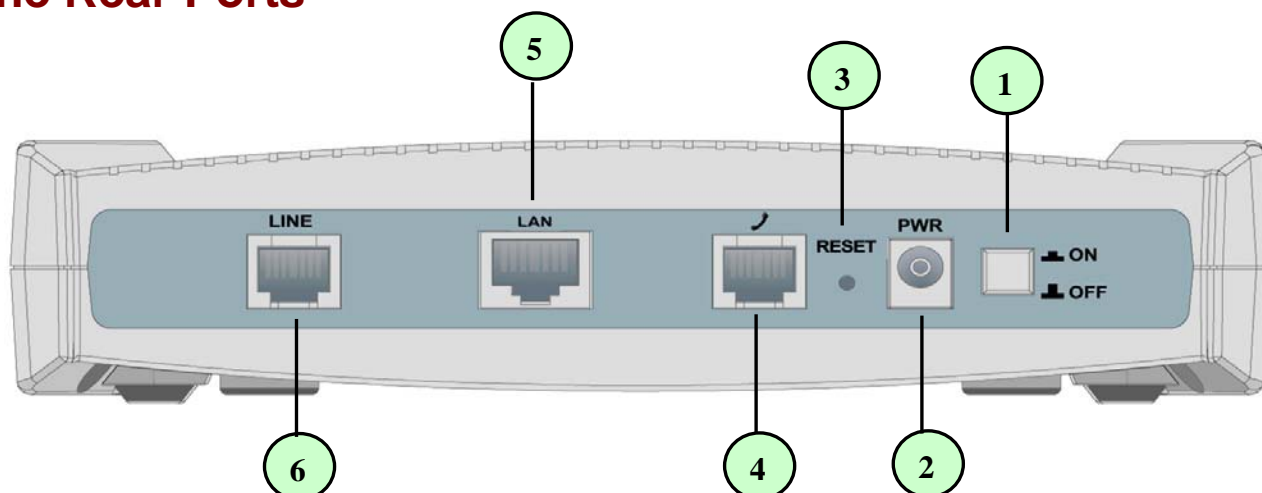
- ✓ Place the BIPAC 7100SV on a stable surface.
- ✓ Only use the power adapter that comes with the package. Using a different voltage rating power adaptor may damage the router.

The Front LEDs



LED		Meaning
1	Power	● Lit when power is ON
2	SYS	● Lit when the system is ready
3	Phone	● Lit green when the phone is off hook
4	LAN	● Lit green when the LAN link is connected.
5	ADSL	● When lit, it indicates that the ADSL (Line) port is connected to the DSLAM and working properly.

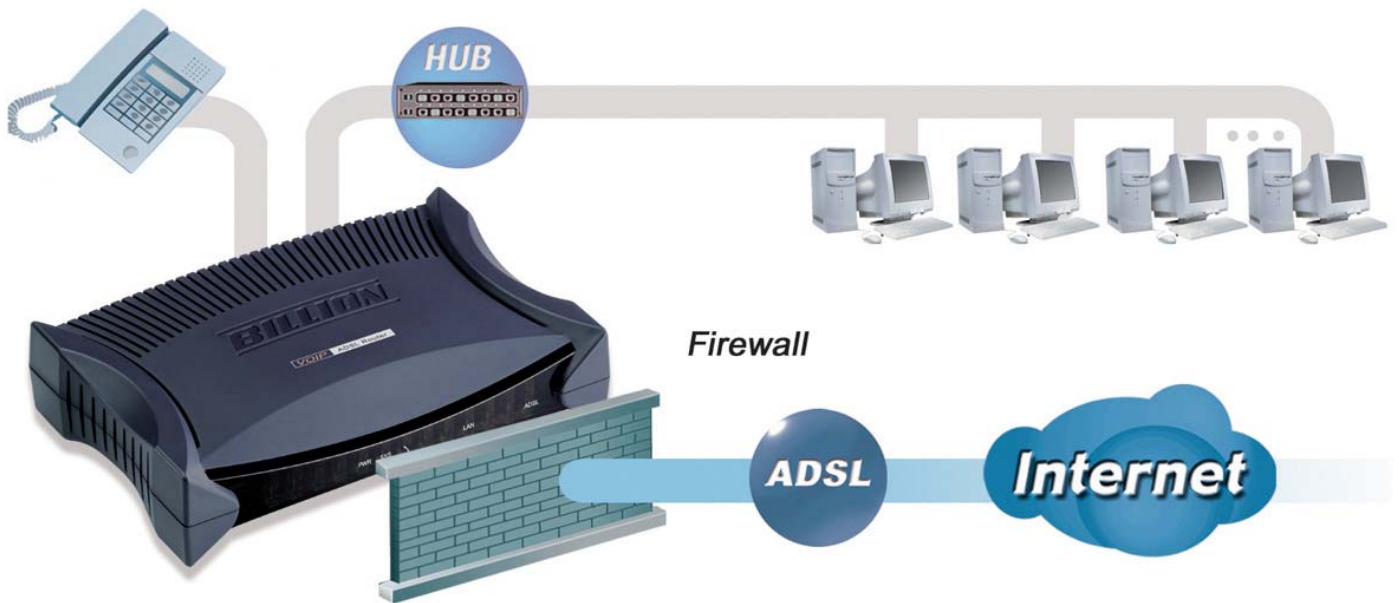
The Rear Ports



Port		Meaning
1	Power Switch	Power ON/OFF switch
2	PWR	Connect the supplied power adapter to this jack.
3	RESET	Press it to restore the factory default setting back.
4	VoIP	Connect RJ-11 cable to this port when connecting to an analog phone set.
5	LAN (RJ-45 connector)	Connect the supplied crossover cable to this port when connecting to a NIC (Network Interface card) in PC. Connect an UTP Ethernet cable to this port when connecting to a LAN such as an office or home network.
6	LINE (RJ-11 connector)	Connect the supplied RJ-11 cable to this port when connecting to the ADSL

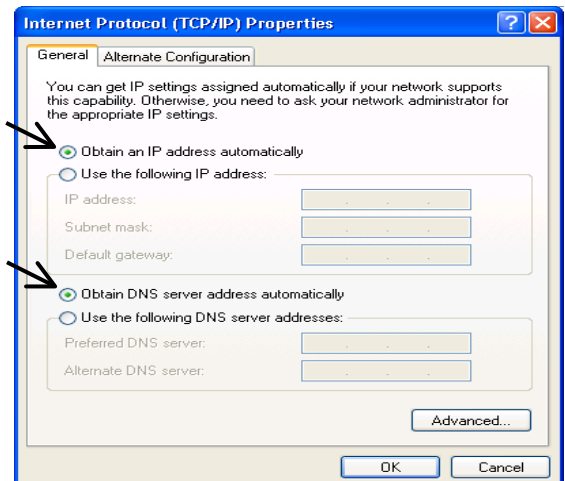
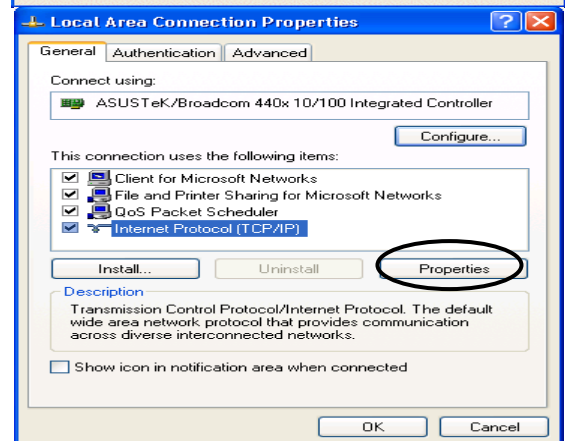
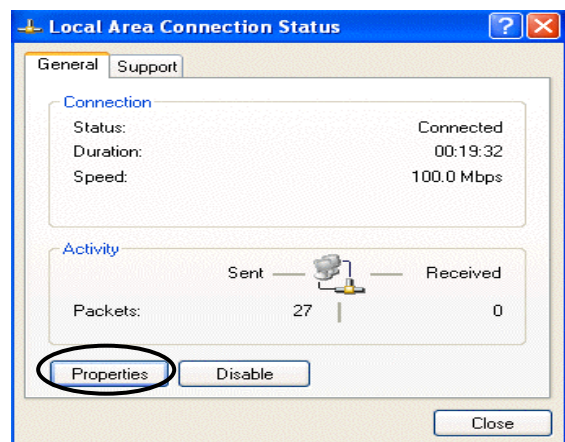
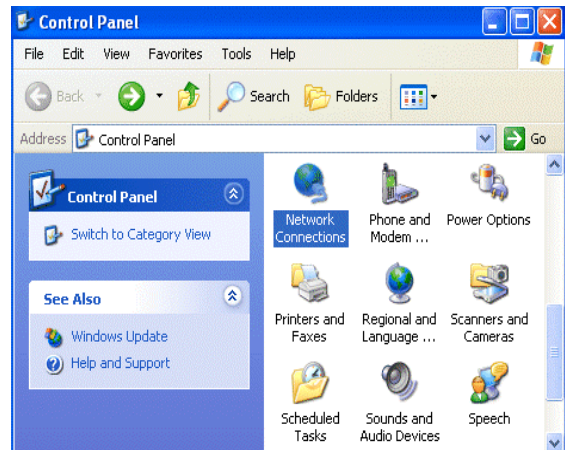
Connecting Your ADSL Router

1. Connect the Router to a **LAN** (Local Area Network) and the ADSL/telephone (**LINE**) network.
2. Power on the device.
3. Make sure the **PWR** and **SYS** LEDs are lit steadily and that the **LAN** LED is lit.
4. Connect an RJ11 cable to VoIP port when connecting to an analog phone set



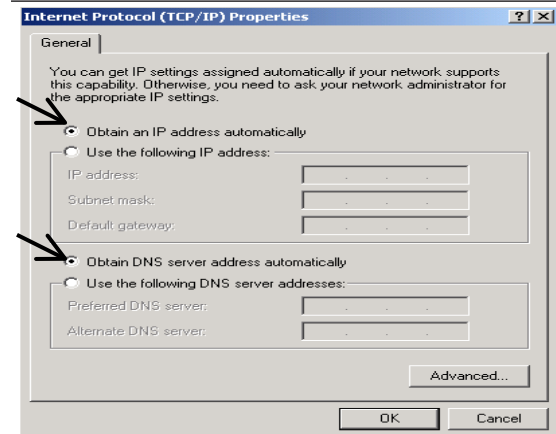
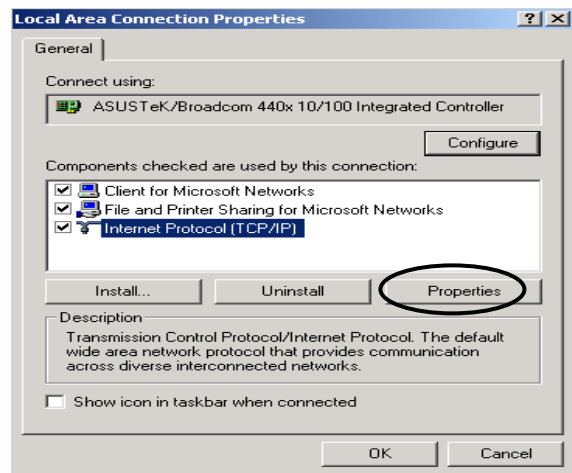
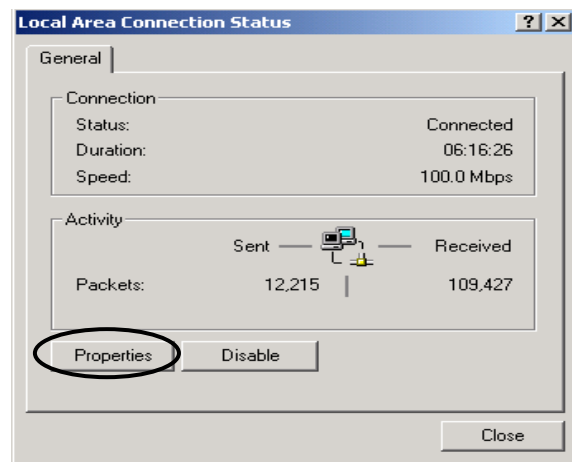
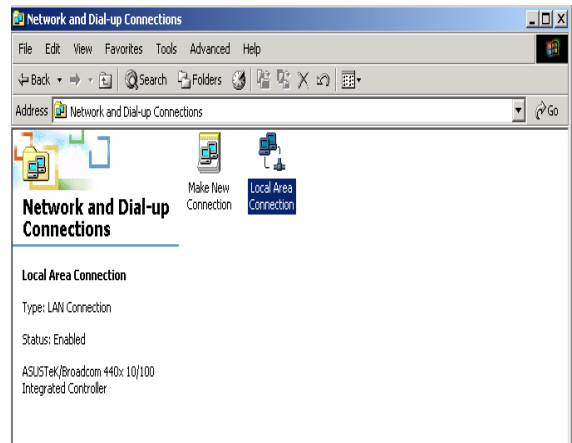
Configuring PC in Windows XP

1. Go to **Start / Control Panel (in Classic View)**. In the Control Panel, double-click on **Network Connections**
2. Double-click **Local Area Connection**.
3. In the **Local Area Connection Status** window, click **Properties**.
4. Select **Internet Protocol (TCP/IP)** and click **Properties**.
5. Select the **Obtain an IP address automatically** and the **Obtain DNS server address automatically** radio buttons.
6. Click **OK** to finish the configuration.



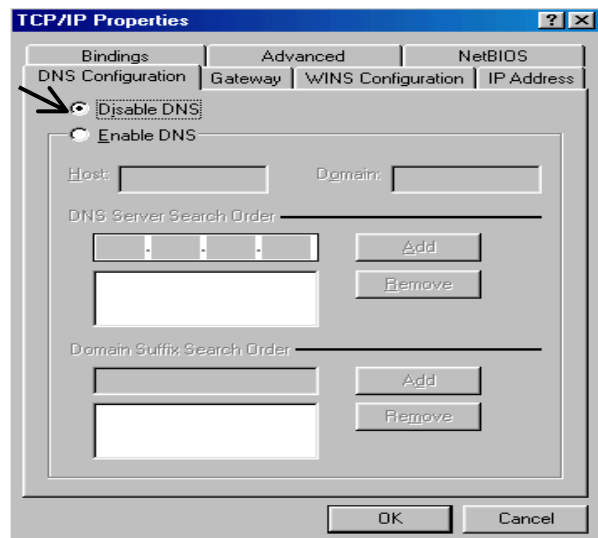
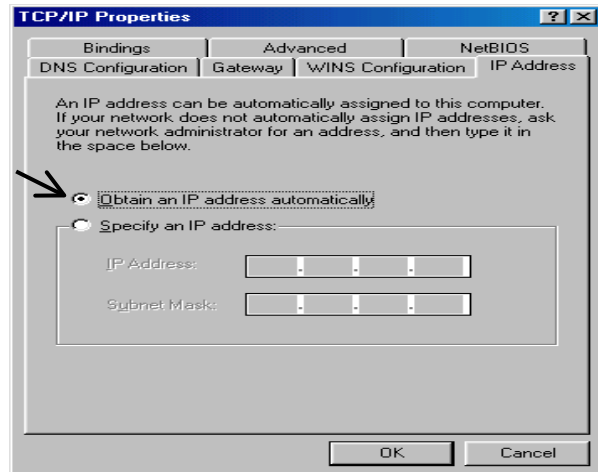
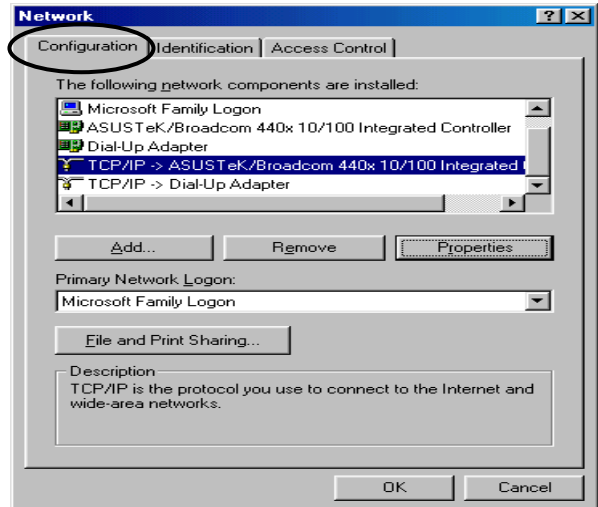
Configuring PC in Windows 2000

1. Go to **Start / Settings / Control Panel**. In the Control Panel, double-click on **Network and Dial-up Connections**.
2. Double-click **Local Area Connection**.
3. In the **Local Area Connection Status** window click **Properties**.
4. Select **Internet Protocol (TCP/IP)** and click **Properties**.
5. Select the **Obtain an IP address automatically** and the **Obtain DNS server address automatically** radio buttons.
6. Click **OK** to finish the configuration.



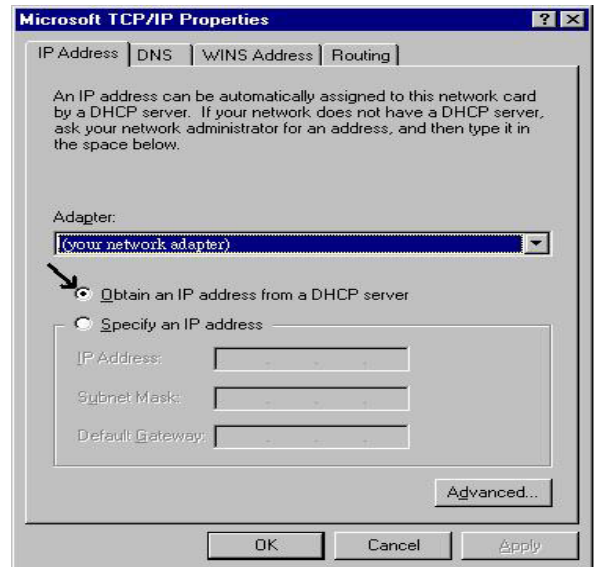
Configuring PC in Windows 98/Me

1. Go to **Start / Settings / Control Panel**. In the Control Panel, double-click on **Network** and choose the **Configuration** tab.
2. Select **TCP/IP -> NE2000 Compatible**, or the name of your Network Interface Card (NIC) in your PC.
3. Select the **Obtain an IP address automatically** radio button.
4. Then select the **DNS Configuration** tab.
5. Select the **Disable DNS** radio button and click **OK** to finish the configuration.



Configuring PC in Windows NT4.0

1. Go to **Start / Settings / Control Panel**. In the Control Panel, double-click on **Network** and choose the **Protocols** tab.
2. Select **TCP/IP Protocol** and click **Properties**.
3. Select the **Obtain an IP address from a DHCP server** radio button and click **OK**.



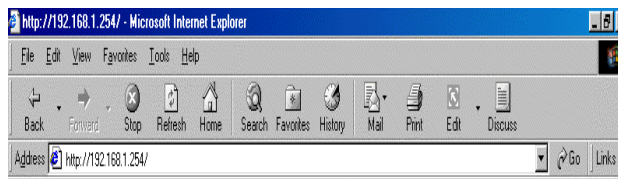
Configuring Your VoIP ADSL Router

NOTE:

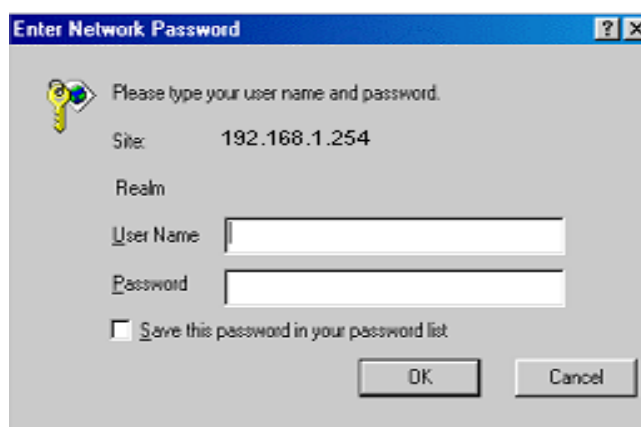


To configure this device, you must have IE 5.0 / Netscape 4.5 or above installed

1. Open the web browser and type <http://192.168.1.254> in the browser's address box. This number is the default IP address for this router. Press **Enter**.



2. A username and password window will appear. **The default username and password are admin and password.** Press **OK** to proceed.



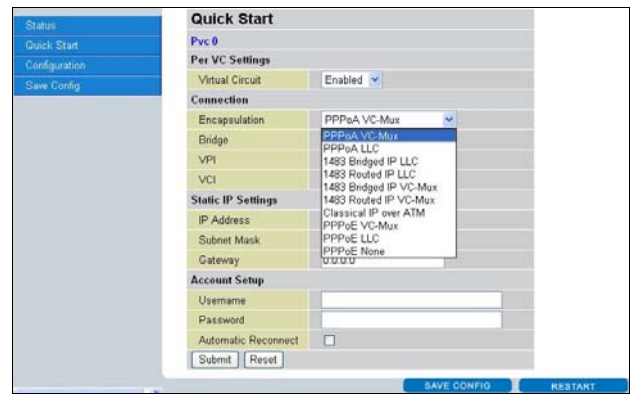
3. You will get a status report web page.

Status	System Status
Quick Start	Device Info
Configuration	Firmware Version: C182xxx_4.1.0.9_B214a
Save Config	Customer Software Version: 4.1.0.9_BiB214a_1
	WAN
	IP Address Subnet Mask MAC Address
	192.168.241.101 255.255.255.0 00:04:ED:00:07:71
	LAN
	IP Address Subnet Mask MAC Address
	192.168.1.254 255.255.255.0 00:04:ED:00:07:70
	DHCP Clients
	IP Address MAC Address
	1 192.168.1.123 00:00:88:18:53:91
	SAVE CONFIG RESTART

4. Click **Quick Start** in the left pane and select one of the connection protocols with the remote site (ISP) from the following: PPPoA VC-Mux, PPPoA LLC, 1483 Bridged IP LLC, 1483 Routed IP LLC, 1483 Bridged IP VC-Mux, 1483 Routed IP VC-Mux, Classical IP over ATM, PPPoE VC-Mux, PPPoE LLC, PPPoE None. Please get this information from your service provider and configure the related parameters.

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The parameters are different among different Encapsulations or access methods. The most common are PPPoE and PPPoA.

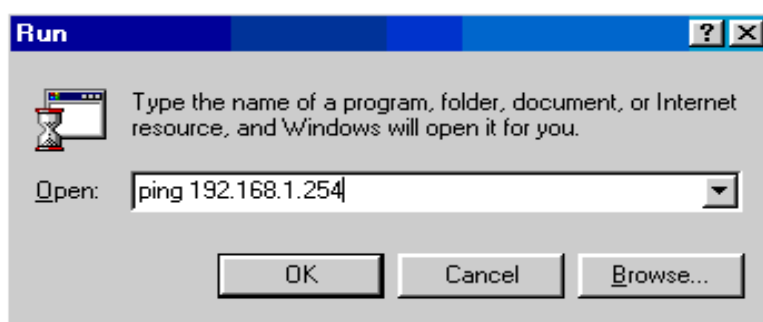


The screenshot displays the 'Quick Start' configuration page for 'Pvc 0'. On the left, a navigation pane includes 'Status', 'Quick Start', 'Configuration', and 'Save Config'. The main area is divided into sections: 'Per VC Settings' with 'Virtual Circuit' set to 'Enabled'; 'Connection' with a dropdown menu for 'Encapsulation' (currently showing 'PPPoA VC-Mux' and a list of other options); 'Static IP Settings' with fields for 'IP Address', 'Subnet Mask', and 'Gateway'; and 'Account Setup' with fields for 'Username', 'Password', and an 'Automatic Reconnect' checkbox. At the bottom, there are 'Submit' and 'Reset' buttons, and a 'SAVE CONFIG' button in the right-hand pane.

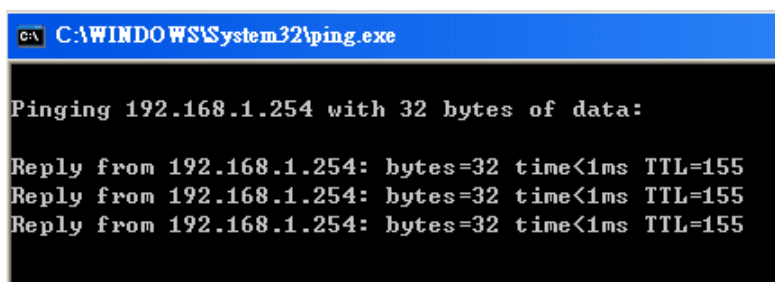
5. Click **Submit** to activate all configurations. But if you need this configuration, please click the “**Save Config**” in the left pane to save the configuration.

■ Verifying Your Local Network Connection with the Device

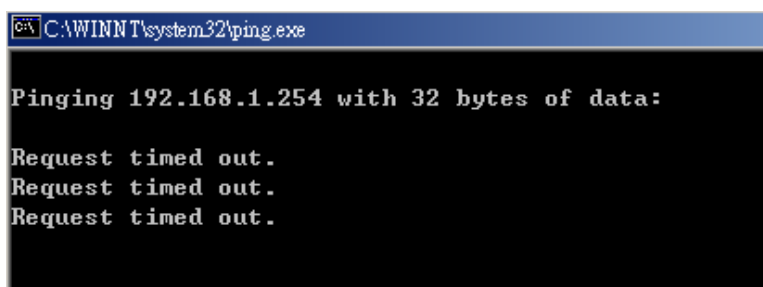
To see if this ADSL Router is visible on the local network, go to **Start / Run**. In the Run dialog box, type “**ping 192.168.1.254**” then press **OK**.



A command prompt window will pop out. If your ping is successful which means your local network is able to reach to the device, then the command prompt window will close up automatically.



Connection fails, when you see “**Request timed out**” in the command prompt window. You may need to check your set up.



Product Support and Contact Information

Most problems can be solved by referring to the **Troubleshooting** section in the User's Manual. If you cannot resolve the problem with the **Troubleshooting** chapter, please contact the dealer where you purchased this product.

Contact Billion

WORLDWIDE

<http://www.billion.com>

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